

Please type a plus sign (+) inside this box -

11/03/98  
JC540 U.S. PTO  
09/185318  
11/03/98

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**  
(Only for new nonprovisional applications  
under 37 CFR 1.53(b))

Attorney Docket No.		2978.1US
First Inventor or Application Identifier		Reichert et al.
Title	COMPOSITE WAVEGUIDE FOR SOLID PHASE BINDING ASSAYS	
Express Mail Label No.		EL206386163US

**APPLICATION ELEMENTS**

See MPEP Chapter 600 concerning utility patent application contents

ADDRESS TO:  
Assistant Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

1.  Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)

2.  Specification Total Pages

40

(preferred arrangement set forth below)  
-Descriptive title of the invention  
-Cross References to related Applications  
-Statement Regarding Fed Sponsored R&D  
-Reference to Microfiche Appendix  
-Background of the Invention  
-Brief Summary of the Invention  
-Brief Description of the Drawings (if filed)  
-Detailed Description  
-Claim(s)  
-Abstract of the Disclosure

3.  Drawing(s) (35 USC 113) Total Sheets

25

4. Oath or Declaration Total Pages

8

a.  Newly executed (original or copy)  
b.  Copy from a prior application (37 CFR 1.63(d))

(For continuation/divisional with Box 17 completed)  
(Note Box 5 below)

i.  DELETION OF INVENTOR(S)

Signed statement attached deleting  
inventor(s) named in the prior  
application, see 37 CFR 1.63(d)(2) and  
1.33(b).

5.  Incorporation By Reference (useable if Box 4b is checked)  
The entire disclosure of the prior application, from which a  
copy of the oath or declaration is supplied under Box 4b, is  
considered as being part of the disclosure of the accompanying  
application and is hereby incorporated by reference therein.

6.  Microfiche Computer Program (Appendix)  
7.  Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)  
a.  Computer Readable Copy  
b.  Paper Copy (identical to computer copy)  
c.  Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

8.  Assignment Papers (cover sheet & document(s))  
9.  37CFR 3.73(b) Statement  Power of Attorney  
(when there is an assignee)  
10.  English Translation Document (if applicable)  
11.  Information Disclosure  Copies of IDS  
Statement (IDS/PTO-1449) Citations  
12.  Preliminary Amendment  
13.  Return Receipt Postcard (MPEP 503)  
14.  Small Entity  Statement filed in prior application,  
Statement(s) Status still proper and desired  
15.  Certified Copy of Priority Document(s)  
(If foreign priority is claimed)  
16.  Other: Statement Per Rule 53(b)(2) To Add Inventor

\*A new statement is required to be entitled to pay small entity fees, except  
where one has been filed in a prior application and is being relied upon.

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

Continuation  Divisional  Continuation-in-part (CIP) of prior Application No. 08/705,893 (now U.S. Patent 5,832,165)

Prior application information: Examiner J. Ngo Group/Art Unit: 2874

**18. CORRESPONDENCE ADDRESS**

<input type="checkbox"/> Customer Number or Bar Code Label				or <input checked="" type="checkbox"/> Correspondence address below
NAME	Allen C. Turner			
	TRASK, BRITT & ROSSA			
ADDRESS	P.O. Box 2550			
CITY	Salt Lake City	STATE	Utah	ZIP CODE
COUNTRY	U.S.A.	TELEPHONE	(801) 532-1922	FAX (801)531-9168
Name (Print/Type)	Allen C. Turner		Registration No. (Attorney/Agent)	33,041
Signature				Date 11/3/98

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

TOTAL AMOUNT OF PAYMENT (\$ 395.00)

Complete if Known

Application Number	
Filing Date	November 3, 1998
First Named Inventor	W. Monty Reichert
Examiner Name	J. Ngo
Group / Art Unit	2874
Attorney Docket No.	2978.1US

## METHOD OF PAYMENT (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 20-1469  
Deposit Account Name TRASK, BRITT & ROSSA

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17  Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance

2.  Payment Enclosed:

Check  Money Order  Other

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code (\$)	Fee (\$)	Fee Code (\$)	Fee (\$)		
101 790	201 395	Utility filing fee	395		
106 330	206 165	Design filing fee			
107 540	207 270	Plant filing fee			
108 790	208 395	Reissue filing fee			
114 150	214 75	Provisional filing fee			
SUBTOTAL (1) (\$)		395			

## 2. EXTRA CLAIM FEES

	Extra Claims	Fee from below	Fee Paid
Total Claims	5	-20** = 0	X = -0-
Independent Claims	1	-3** = 0	X = -0-
Multiple Dependent			

\*\*or number previously paid, if greater; For Reissues, see below

## Large Entity Small Entity

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code (\$)	Fee (\$)	Fee Code (\$)	Fee (\$)		
103 22	203 11	Claims in excess of 20			
102 82	202 41	Independent claims in excess of 3			
104 270	204 135	Multiple dependent claim, if not paid			
109 82	209 41	** Reissue independent claims over original patent			
110 22	210 11	** Reissue claims in excess of 20 and over original patent			
SUBTOTAL (2) (\$)					

## 3. ADDITIONAL FEES

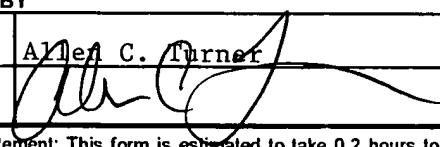
Large Entity	Small Entity	Fee Code (\$)	Fee (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath			
127 50	227 25	Surcharge - late provisional filing fee or cover sheet			
139 130	139 130	Non-English specification			
147 2,520	147 2,520	For filing a request for reexamination			
112 920*	112 920*	Requesting publication of SIR prior to Examiner action			
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action			
115 110	215 55	Extension for reply within first month			
116 400	216 200	Extension for reply within second month			
117 950	217 475	Extension for reply within third month			
118 1,510	218 755	Extension for reply within fourth month			
128 2,060	228 1,030	Extension for reply within fifth month			
119 310	219 155	Notice of Appeal			
120 310	220 155	Filing a brief in support of an appeal			
121 270	221 135	Request for oral hearing			
138 1,510	138 1,510	Petition to institute a public use proceeding			
140 110	240 55	Petition to revive - unavoidable			
141 1,320	241 660	Petition to revive - unintentional			
142 1,320	242 660	Utility issue fee (or reissue)			
143 450	243 225	Design issue fee			
144 670	244 335	Plant issue fee			
122 130	122 130	Petitions to the Commissioner			
123 50	123 50	Petitions related to provisional applications			
126 240	126 240	Submission of Information Disclosure Stmt			
581 40	581 40	Recording each patent assignment per property (times number of properties)			
146 790	246 395	Filing a submission after final rejection (37 CFR 1.129(a))			
149 790	249 395	For each additional invention to be examined (37 CFR 1.129(b))			
Other fee (specify) _____					
Other fee (specify) _____					
* Reduced by Basic Filing Fee Paid				SUBTOTAL (3) (\$)	

## SUBMITTED BY

Typed or Printed Name Allen C. Turner

Complete (if applicable)

Reg. Number 33,041

Signature 

Date 11/3/98

Deposit Account User ID 20-1469

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

USPTO  
JC540 U.S. PTO  
09/185318  
11/03/98

**In re Application of:**

Reichert et al.

**Serial No.:** To be assigned

**Filed:** November 3, 1998

**For:** COMPOSITE WAVEGUIDE FOR  
SOLID PHASE BINDING ASSAYS

**Examiner:** J.Ngo

**Group Art Unit:** 2874

**Attorney Docket No.:** 2978.1US

NOTICE OF EXPRESS MAILING

Express Mail Mailing Label  
Number: EL 206 386 16315

Date of Deposit with USPS: November 3, 1998

Person making Deposit: Jared Turner

**STATEMENT PER RULE 53(b)(2) TO ADD INVENTOR**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

The following is a list of inventors for the continuation application referenced above:

W. Monty Reichert

James N. Herron

Douglas A. Christensen

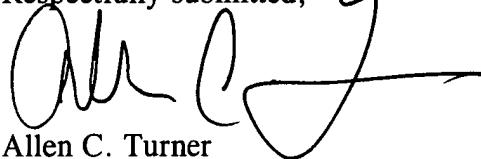
Hsu-Kun Wang

Jacob D. Durtschi

Attorney Docket: 2978.1US

Jacob D. Durtschi is to be included as an inventor. An unsigned Declaration is enclosed. A signed Declaration for Patent Application (With Power of Attorney) will follow.

Respectfully submitted,



Allen C. Turner  
Registration No. 33,041  
Attorney for Applicants  
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Date: November 3, 1998

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